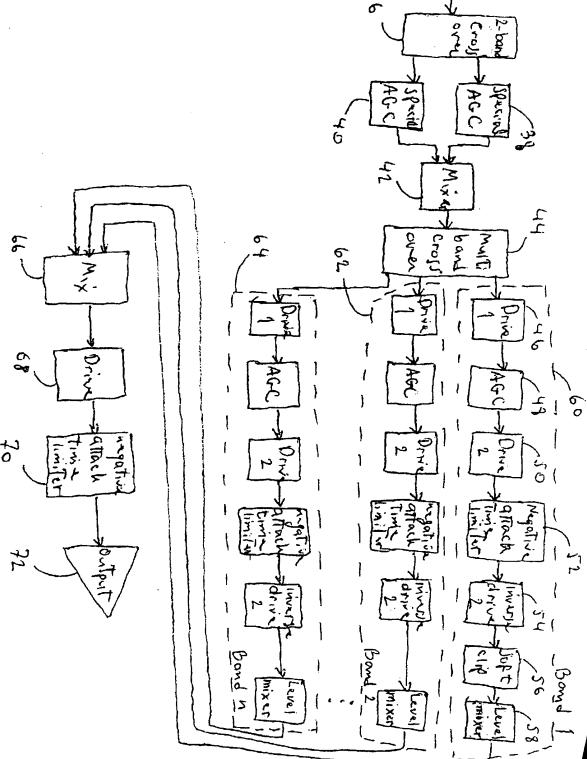


Fig. 1 (Prior Art)



92



98

Sent By: LAW OFFICES OF IMAM;

Do for each sample

Aug-3-00 12:18PM;

For each 64th sample, increase gain factor slightly. This is done by multiplying by a number slightly greater than 1.0 (The release rate parameter)

Multiplyrinput sample gain factor

If result is greater than tureshold, reduce gain factor slightly. This is done by multiplying by a number slightly less than 1.0 (The attack rate parameter)

Fig.

96

Band 1 two was wel somple imput stage Band 2 Loupess output Bandj Band 4 output 3 (a) output Do for each sample Read next sample Compute weighted sum of Previous filter outputs and 90 ion pass output is two weighted sum. High pars output it in difference between input Sample and low pass output

Fig 3 (b)

. (00

Do for each sample

For each 64th Sample
Increase gain factor
slightly This is done by
multiplying by a number
slightly greater than 1.0
(The release rate parameter)

,104

102

Do trial multiplication:

input sample times gain

factor

Ef troal result is greater

than threshold, reduce gam

factor slightly This is done

by multiplying by a number

slightly less than 1.0

(The attack rate parameter)

Apply nonlinear function to

gain factor.

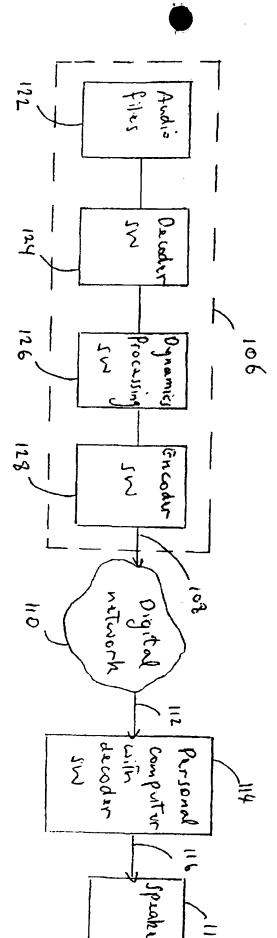
Final output is result of

multiplying in put sample by

modified gain factor.

Fig. 5

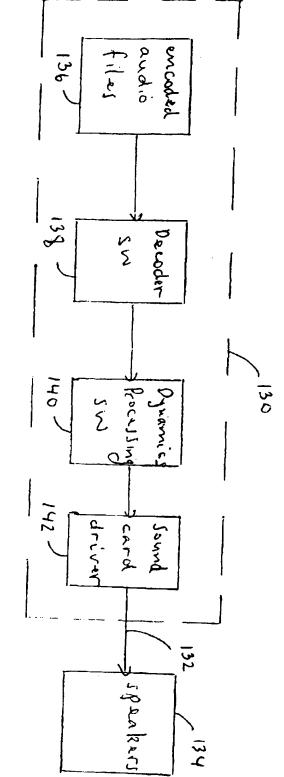




Tià. 6







100.7

